

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A system, comprising:
 - a host entity configured to utilize a signaling protocol to control the operation of a plurality of communication modules in a device that share a common RF transceiver,
 - ~~a signaling protocol for enabling a hosting entity to share use of an RF transceiver between a plurality of communication modules,~~
 - wherein the signaling protocol ~~comprises~~ comprising:
 - a first parameter, ~~which~~ that indicates ~~currently enabled ones~~ which of the plurality of communication modules are enabled for use in responding to a host command;₁ and
 - a second parameter, ~~which~~ that indicates a priority order for operation of the enabled ~~ones of the plurality of~~ communication modules, as indicated by the first parameter, in response to receiving the host command,
 - wherein the enabled ~~ones of the plurality of~~ communication modules ~~indicated by the first parameter~~ are operable configured to operate in sequence according to the priority order indicated by the second parameter and the received host command.
2. (Previously Presented) The system of claim 1, wherein the plurality of communication modules operate in a same frequency area.
3. (Original) The system of claim 2, wherein the frequency area is a 2.4GHz frequency band.
4. (Previously Presented) The system of claim 1, wherein the plurality of communication modules is selected from a group comprising a Bluetooth communication module, an LEE communication module and an RFID communication module.
5. (Previously Presented) The system of claim 4, further comprising:

- a signaling protocol for enabling the hosting entity to communicate with at least one of the plurality of communication modules using an LEE protocol.
6. (Previously Presented) The system of claim 4, further comprising:
a signaling protocol for enabling the hosting entity to communicate with at least one of the plurality of communication modules using an RFID protocol.
7. (Canceled)
8. (Canceled)
9. (Previously Presented) The system of claim 1, wherein the hosting entity comprises at least one signaling protocol for enabling the hosting entity to communicate with at least one of the plurality of communication modules employing at least one of a plurality of short-range communication protocols.
10. (Currently Amended) A communication device, comprising:
an RF transceiver;
a plurality of communication modules configured to share the RF transceiver;
a host ~~capable of using~~ configured to use a signaling protocol; and
a hosting entity in communication with the host and the plurality of communication modules, ~~wherein the hosting entity employs~~ employing the signaling protocol to ~~enable use of the RF transceiver to be shared between~~ control the operation of the plurality of communication modules in sharing the RF transceiver,
~~wherein the signaling protocol comprises,~~ comprising:
a first parameter, ~~which that~~ that indicates ~~currently enabled ones~~ which of the plurality of communication modules are enabled for use in responding to a host command; and
a second parameter, ~~which that~~ that indicates a priority order for operation of the enabled ~~ones of the plurality of~~ communication modules, as indicated by the first parameter, in response to receiving the host command,

wherein the enabled ~~ones of the plurality of~~ communication modules ~~indicated by the first parameter~~ are operable configured to operate in sequence according to the priority order indicated by the second parameter and the received host command.

11. (Previously Presented) The device of claim 10, wherein the plurality of short-range communication modules operate in a same frequency area.
12. (Previously Presented) The device of claim 11, wherein the frequency area is a 2.4 GHz frequency band.
13. (Previously Presented) The device of claim 10, wherein the plurality of communication modules is selected from a group comprising a Bluetooth communication module, an LEE communication module and an RFID communication module.
14. (Previously Presented) The device of claim 13, further comprising:
a signaling protocol for enabling the hosting entity to communicate with at least one of the communication modules using a LEE protocol.
15. (Previously Presented) The device of claim 14, wherein the hosting entity translates information received from the communication module using the LEE protocol into a readable format for the host.
16. (Previously Presented) The device of claim 13, further comprising:
a signaling protocol for enabling the hosting entity to communicate with a communication module using an RFID protocol.
17. (Previously Presented) The device of claim 16, wherein the hosting entity translates information received from the communication module using the RFID protocol into a readable format for the host.

18. (Original) The device of claim 10, wherein the device is one of a cellular phone, laptop computer or a PDA.
19. (Previously Presented) The device of claim 10, wherein the hosting entity comprises at least one signaling protocol for enabling the hosting entity to communicate with at least one of the plurality of communication modules employing at least one of the a plurality of short-range communication protocols.
20. (Currently Amended) A method, comprising:
 ~~selecting~~ instructing a communication module to access a common RF transceiver shared by a plurality of communication modules located in the same device ~~transmit a wireless communication to a device;~~ and
 transmitting ~~the~~ a wireless communication to ~~the~~ another device ~~within radio range,~~ utilizing the communication module and the common RF transceiver,
 wherein the communication module is selected according to a first parameter of a signaling protocol, ~~which that~~ indicates ~~currently enabled ones~~ which of a ~~the~~ plurality of communication modules are enabled for use in responding to a host command from a host entity also incorporated in the device; and
 a second parameter, ~~which that~~ indicates a priority order for operation of the enabled ~~ones of the plurality of~~ communication modules, as indicated by the first parameter, in response to receiving the host command,
 wherein the enabled ~~ones of the plurality of~~ communication modules ~~indicated by the first parameter are operable~~ are configured to operate in sequence according to the priority order indicated by the second parameter and the received host command.
21. (Canceled)
22. (Canceled)
23. (Currently Amended) A system, comprising:
 a processor;

a memory, communicatively connected to the processor;

a program stored in the memory, including,

a program module for enabling configuring a hosting entity in a device to share use of an RF transceiver between control the operation of a plurality of communication modules also in the device in sharing a common RF transceiver, wherein the program module comprises comprising a first parameter, which that indicates currently enabled ones which of the plurality of communication modules are enabled for use in responding to a host command; and

a second parameter, ~~which that~~ indicates a priority order for operation of the enabled ~~ones of the~~ plurality of communication modules, as indicated by the first parameter, in response to receiving the host command,

wherein the enabled ~~ones of the~~ plurality of communication modules ~~indicated by the first parameter are operable~~ are configured to operate in sequence according to the priority order indicated by the second parameter and the received host command.

24. (Previously Presented) The system of claim 23, wherein the plurality of communication modules operate in a same frequency area.
25. (Previously Presented) The system of claim 24, wherein the frequency area is a 2.4 GHz frequency band.
26. (Previously Presented) The system of claim 23, wherein the plurality of communication modules is selected from a group comprising a Bluetooth communication module, an LEE communication module and an RFID communication module.
27. (Previously Presented) The system of claim 26, further comprising:

a module for enabling the hosting entity to communicate with at least one of the plurality of communication modules using an LEE protocol.
28. (Previously Presented) The system of claim 26, further comprising:

a module for enabling the hosting entity to communicate with at least one of the plurality of communication modules using an RFID protocol.

29. (Canceled)

30. (Canceled)

31. (Previously Presented) The system of claim 23, wherein the hosting entity comprises at least one signaling protocol for enabling the hosting entity to communicate with at least one of the plurality of communication modules employing at least one of a plurality of short-range communication protocols.

32. (Currently Amended) A system, comprising:

means for ~~enabling~~ configuring a hosting entity in a device to share use of an RF transceiver between control a plurality of communication modules also in the device in sharing a common RF transceiver, wherein said means comprises a first parameter, ~~which~~ that indicates ~~currently enabled ones~~ which of the plurality of communication modules is enabled for use in responding to a host command;

a second parameter, ~~which~~ that indicates a priority order for operation of the enabled ~~ones of the plurality of~~ communication modules, as indicated by the first parameter, in response to receiving the host command, wherein the enabled ~~ones of the plurality of~~ communication modules ~~indicated by the first parameter~~ are operable configured to operate in sequence according to the priority order indicated by the second parameter and the received host command; and

means for ~~enabling~~ configuring the hosting entity to communicate with at least one of the plurality of communication modules employing at least one of a plurality of short-range communication protocols.

33. (Original) The system of claim 32, wherein the plurality of short-range communication protocols operate in a same frequency area.

34. (Previously Presented) The system of claim 33, wherein the frequency area is a 2.4 GHz frequency band.
35. (Original) The system of claim 32, wherein the plurality of short-range communication protocols is selected from a group comprising a Bluetooth communication protocol, an LEE communication protocol and an RFID communication protocol.
36. (Canceled)
37. (Canceled)
38. (Previously Presented) The system of claim 1, wherein the plurality of communication modules comprises at least three substantially concurrently operating communication modules.
39. (Canceled)
40. (Previously Presented) The system of claim 23, wherein the plurality of communication modules comprises at least three substantially concurrently operating communication modules.
41. (Canceled)
42. (Previously Presented) The system of claim 32, wherein the plurality of communication modules comprises at least three substantially concurrently operating communication modules.
43. (Canceled)
44. (Previously Presented) The system of claim 1, wherein the host command is received from a Bluetooth host.

45. (Previously Presented) The system, of claim 1, wherein the currently enabled ones of the communication modules include each of a Bluetooth, a LEE MAC and an RFID communication module and the priority order of the second parameter indicates, sending the host command to the RFID communication module prior to sending the command to either the LEE MAC communication module or the Bluetooth communication module, and sending the host command to the LEE MAC communication module prior to sending the command to the Bluetooth communication module.
46. (Previously Presented) The system of claim 1, further comprising a hosting entity, wherein the hosting entity is configured to modify the host command to one or more commands suitable for use by one or more of the communication modules indicated by the first parameter based on the priority order indicated by the second parameter.
47. (Previously Presented) The communication device of claim 10, wherein the a hosting entity is configured to modify the host command to one or more commands suitable for use by one or more of the communication modules indicated by the first parameter based on the priority order indicated by the second parameter.
48. (Previously Presented) The communication device of claim 10, wherein for each communication module indicated as currently enabled by the first parameter, the hosting entity, prior to sending the host command to a respective one of the enabled communication modules in accordance with the priority order indicated by the second parameter, modifies the host command to a command suitable for use by the respective one of the communication modules, if the host command otherwise is unsuitable for use by the respective one of the communication modules.
49. (Previously Presented) The communication device of claim 48, wherein the host command is a Bluetooth command and the hosting entity modifies the Bluetooth command to at least one of an RFID command and a LEE MAC command that satisfies

the Bluetooth command for use by a currently enabled RFID communication module and a currently enabled LEE MAC communication module, respectively.

50. (Previously Presented) The communication device of claim 48, wherein the host command is unsuitable for use by any of the communication modules indicated by the first parameter as currently enabled.
51. (Previously Presented) The method of claim 20, further comprising modifying the host command to one or more commands suitable for use by one or more of the communication modules indicated by the first parameter based on the priority order indicated by the second parameter.
52. (Previously Presented) The system of claim 23, wherein the module is configured to modify the host command to one or more commands suitable for use by one or more of the communication modules indicated by the first parameter based on the priority order indicated by the second parameter.
53. (Previously Presented) The system of claim 32, further comprising means for modifying the host command to one or more commands suitable for use by one or more of the communication modules indicated by the first parameter based on the priority order indicated by the second parameter.
54. (Previously Presented) The system of claim 1, wherein the priority order is determined based on a characteristic of each of the communication modules in performing an operation specified by the host command.
55. (Previously Presented) The system of claim 54, wherein the characteristic is speed.
56. (Previously Presented) The device of claim 10, wherein the priority order is determined based on a characteristic of each of the communication modules in performing an operation specified by the host command.

- 57. (Previously Presented) The device of claim 56, wherein the characteristic is speed.
- 58. (Previously Presented) The method of claim 20, wherein the priority order is determined based on a characteristic of each of the communication modules in performing an operation specified by the host command.
- 59. (Previously Presented) The method of claim 58, wherein the characteristic is speed.
- 60. (Previously Presented) The system of claim 23, wherein the priority order is determined based on a characteristic of each of the communication modules in performing an operation specified by the host command.
- 61. (Previously Presented) The system of claim 60, wherein the characteristic is speed.
- 62. (Previously Presented) The system of claim 32, wherein the priority order is determined based on a characteristic of each of the communication modules in performing an operation specified by the host command.
- 63. (Previously Presented) The system of claim 62, wherein the characteristic is speed.